

Qamar Haque

List of Publications by Year in descending order

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88
papers

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623734

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89
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89
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear drift waves in electron-positron-ion plasmas. <i>Physical Review E</i> , 2003, 67, 057402.	2.1	66
2	Electromagnetic vortices in electron-positron-ion plasmas with shear flow. <i>Physics of Plasmas</i> , 2002, 9, 474-479.	1.9	40
3	ION ACOUSTIC SOLITONS IN DENSE MAGNETIZED PLASMAS WITH NONRELATIVISTIC AND ULTRARELATIVISTIC DEGENERATE ELECTRONS AND POSITRONS. <i>Astrophysical Journal</i> , 2014, 793, 27.	4.5	33
4	Ion acoustic and drift wave vortices in electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2003, 10, 3793-3795.	1.9	28
5	Ion acoustic vortices in quantum magnetoplasmas. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	28
6	Drift solitons and shocks in inhomogeneous quantum magnetoplasmas. <i>Physics of Plasmas</i> , 2008, 15, .	1.9	28
7	Propagation of solitary waves in relativistic electron-positron-ion plasmas with kappa distributed electrons and positrons. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	28
8	Electrostatic Nonlinear Structures in Dissipative Electron-Positron-Ion Quantum Plasmas. <i>Chinese Physics Letters</i> , 2008, 25, 4329-4332.	3.3	23
9	Nonlinear electrostatic drift waves in dense electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2008, 15, 082315.	1.9	22
10	Ion acoustic shock waves in presence of superthermal electrons and interaction of classical positron beam. <i>Physics of Plasmas</i> , 2012, 19, 032302.	1.9	20
11	Nonlinear electrostatic excitations in magnetized dense plasmas with nonrelativistic and ultra-relativistic degenerate electrons. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	20
12	Ion acoustic wave instabilities and nonlinear structures associated with field-aligned flows in the F_2 -region ionosphere. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	19
13	Acoustic solitons in inhomogeneous pair-ion plasmas. <i>Physics of Plasmas</i> , 2010, 17, 122302.	1.9	17
14	Rotation induced nonlinear dispersive dust drift waves can be the progenitors of spokes. <i>Physics of Plasmas</i> , 2012, 19, 032112.	1.9	16
15	Rotation-induced dust drift waves in planetary magnetospheres. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	14
16	Nonlinear electrostatic waves in inhomogeneous dense dusty magnetoplasmas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 872-876.	2.1	14
17	Ion temperature gradient mode driven solitons and shocks. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	14
18	Nonlinear dynamics of electrostatic and electromagnetic drift modes in dusty plasmas. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	13

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19	Shear flow driven drift waves and the counter-rotating vortices. <i>Physics of Plasmas</i> , 2005, 12, 104504.	1.9	13
20	Electrostatic compressive and rarefactive shocks and solitons in relativistic plasmas occurring in polar regions of pulsar. <i>Astrophysics and Space Science</i> , 2011, 335, 529-537.	1.4	13
21	Modified ion-acoustic solitary waves in plasmas with field-aligned shear flows. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	13
22	Ion acoustic solitary waves in magnetized pair-ion electron plasmas. <i>Physics of Plasmas</i> , 2009, 16, 084501.	1.9	11
23	Linear and nonlinear coupled drift and ion acoustic waves in collisional pair ionâ€“electron magnetoplasma. <i>Physics of Plasmas</i> , 2011, 18, 042305.	1.9	11
24	Drift and ion acoustic wave driven vortices with superthermal electrons. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	11
25	Ion-temperature-gradient driven modes in dust-contaminated plasma with nonthermal electron distribution and dust charge fluctuations. <i>Astrophysics and Space Science</i> , 2014, 350, 565-572.	1.4	11
26	Vortex structures in dense electronâ€“positronâ€“ion plasmas. <i>Physica Scripta</i> , 2009, 80, 055501.	2.5	10
27	Dust drift solitary waves with superthermal electrons and ions. <i>Astrophysics and Space Science</i> , 2013, 343, 605-608.	1.4	10
28	Electrostatic drift vortices in quantum magnetoplasmas. <i>Physics of Plasmas</i> , 2008, 15, 094502.	1.9	9
29	Low frequency electrostatic nonlinear structures in an inhomogeneous magnetized non-Maxwellian electronâ€“positronâ€“ion plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 99-105.	2.1	9
30	Low-Frequency Electromagnetic Instability in Unmagnetized Inhomogeneous Dusty Plasmas. <i>Chinese Physics Letters</i> , 2001, 18, 402-404.	3.3	8
31	Kadomtsev-Petviashvili solitons propagation in a plasma system with superthermal and weakly relativistic effects. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	8
32	Drift wave driven double layers in an inhomogeneous magnetized plasma in the presence of stationary dust. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	8
33	Impact of electron exchange-correlation on drift acoustic solitary waves. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 2744-2748.	2.1	8
34	Nonlinear dust drift AlfvÃ©n waves in rotating planetary magnetospheres. <i>Physics of Plasmas</i> , 2006, 13, 102901.	1.9	7
35	A new mode and its interaction through ponderomotive force in electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	7
36	Electrostatic drift shocks and drift wave instability in inhomogeneous rotating electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	7

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37	Formation of counter rotating vortices for electron acoustic waves. <i>Physics of Plasmas</i> , 2008, 15, 064505.	1.9	6
38	Dipolar vortices and collisional instability in rotating electron-positron-ion plasmas. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	6
39	Electrostatic vortex structures in a rotating magnetized electron-positron plasma with stationary ions. <i>Physics of Plasmas</i> , 2012, 19, 032306.	1.9	6
40	Electron temperature gradient mode instability and stationary vortices with elliptic and circular boundary conditions in non-Maxwellian plasmas. <i>Physics of Plasmas</i> , 2015, 22, 122105.	1.9	6
41	Effect of temperature degeneracy and Landau quantization on drift solitary waves and double layers. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	6
42	Dipolar and chain of vortices in quantum plasmas with electrons exchange-correlation effects. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	6
43	Large Amplitude Low Frequency Waves in a Magnetized Nonuniform Electron-Positron-Ion Plasma. <i>Chinese Physics Letters</i> , 2004, 21, 884-887.	3.3	5
44	Electron-acoustic vortices in multicomponent magnetoplasma. <i>Physics of Plasmas</i> , 2010, 17, 054505.	1.9	5
45	Density inhomogeneity driven electrostatic shock waves in planetary rings. <i>Physics of Plasmas</i> , 2011, 18, 053702.	1.9	5
46	Arbitrary amplitude electrostatic wave propagation in a magnetized dense plasma containing helium ions and degenerate electrons. <i>Physics of Plasmas</i> , 2016, 23, 062308.	1.9	5
47	Nonlinear electrostatic periodic waves and solitons in an inhomogeneous magnetized dusty plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	5
48	Nonlinear structure formation in ion-temperature-gradient driven drift waves in pair-ion plasma with nonthermal electron distribution. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	5
49	Drift and ion acoustic waves in an inhomogeneous electron-positron-ion plasma with temperature degeneracy and exchange-correlation effects. <i>Results in Physics</i> , 2020, 18, 103287.	4.1	5
50	Solitary waves and double layers in an inhomogeneous electronegative plasma with heavier negative ions. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	5
51	Current Gradient Driven Alfvén Dipolar Vortices in Electron-Positron-Ion Plasmas. <i>Physica Scripta</i> , 2004, 69, 406-409.	2.5	4
52	Shear flow driven counter rotating vortices in an inhomogeneous dusty magnetoplasma. <i>Astrophysics and Space Science</i> , 2014, 349, 829-834.	1.4	4
53	Interplanetary ion acoustic wave in solar wind plasma. <i>Physics of Plasmas</i> , 2018, 25, 084503.	1.9	4
54	Dust Acoustic Solitary Waves with Dust Charge Fluctuation in Superthermal Plasma. <i>Brazilian Journal of Physics</i> , 2019, 49, 79-88.	1.4	4

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55	Ion temperature gradient mode driven solitons and shocks in superthermal plasma. Chinese Journal of Physics, 2020, 68, 908-918.	3.9	4
56	Coupled drift and dust ion acoustic wave driven double layers in magnetized plasma with (r, T_j) ETQq0 0 0 rgBT / Overlock 10 Tf 50 702	2.7	4
57	Role of quasineutrality in drift waves. Physics of Plasmas, 2001, 8, 368-369.	1.9	3
58	Drift waves and counter rotating vortices in pair-ion plasmas. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3304-3307.	2.1	3
59	Ion acoustic solitons in unmagnetized inhomogeneous multi-ion component plasmas with vortex distributed electrons. Physics of Plasmas, 2010, 17, .	1.9	3
60	Linear and nonlinear dynamics of electron temperature gradient mode in non-Maxwellian plasmas. Physics of Plasmas, 2013, 20, .	1.9	3
61	Electron acoustic wave driven vortices with non-Maxwellian hot electrons in magnetoplasmas. Physics of Plasmas, 2014, 21, .	1.9	3
62	Dust acoustic and drift waves in a non-Maxwellian dusty plasma with dust charge fluctuation. Journal of Plasma Physics, 2015, 81, .	2.1	3
63	Ion-Acoustic Vortices in Two-Electron-Temperature Magnetoplasma with Cairnâ€™s Distributed Electrons and in the Presence of Ion Shear Flow. Brazilian Journal of Physics, 2016, 46, 157-162.	1.4	3
64	Ion Temperature Gradient Modeâ€™Driven Solitary and Shock Waves in Electron-Positron-Ion Magnetized Plasma. Brazilian Journal of Physics, 2020, 50, 430-437.	1.4	3
65	Dust Acoustic Nonlinear waves in Pair-ion-electron Superthermal Plasma. Chinese Journal of Physics, 2021, 71, 466-478.	3.9	3
66	Electron acoustic vortices in the presence of inhomogeneous current. Physica Scripta, 2008, 77, 035502.	2.5	2
67	Drift-AlfvÃ©n eigenmodes in inhomogeneous electronâ€™positronâ€™ion plasmas. Physica Scripta, 2011, 83, 035501.	2.5	2
68	Linear and nonlinear dynamics of current-driven waves in dusty plasmas. Physics of Plasmas, 2012, 19, 092115.	1.9	2
69	Astrophysical naturally moderated classical positron beam interaction with nonlinear waves in nonextensive astrophysical plasmas. Astrophysics and Space Science, 2013, 344, 119-126.	1.4	2
70	Nonlinear Electrostatic Waves in PIE and PI Plasmas With Field-Aligned Shear Flow. IEEE Transactions on Plasma Science, 2017, 45, 2202-2207.	1.3	2
71	Modulation instability of lower hybrid waves leading to cusp solitons in electronâ€™positron(hole)â€™ion Thomas Fermi plasma. Contributions To Plasma Physics, 2019, 59, e201800132.	1.1	2
72	Influence of Landau quantization and temperature degeneracy on drift acoustic waves in electron-positron-ion plasmas. Physics of Plasmas, 2019, 26, 012111.	1.9	2

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73	Electromagnetic convective cells in a nonuniform dusty plasma. <i>Physical Review E</i> , 1999, 60, 7612-7613.	2.1	1
74	Ion temperature gradient-driven dipolar vortices in dusty plasmas. <i>Journal of Plasma Physics</i> , 2006, 72, 435.	2.1	1
75	Current-driven Alfvén waves in dusty magnetospheric plasmas. <i>Astrophysics and Space Science</i> , 2014, 349, 285-291.	1.4	1
76	Ion-acoustic solitons and vortices in the e-p-i plasma with field-aligned inhomogeneous flow. <i>Physics of Plasmas</i> , 2016, 23, 092117.	1.9	1
77	Coupled drift and ion-acoustic cnoidal waves in an inhomogeneous plasma with field-aligned shear flow. <i>Physics of Plasmas</i> , 2017, 24, 014501.	1.9	1
78	Plasma Waves and Particles during Multi-dip Storms Invoked by Turbulent Solar Wind. <i>Astrophysical Journal</i> , 2018, 869, 144.	4.5	1
79	Solitary waves with electron temperature inhomogeneity and shear flow in an electron ion magnetoplasma. <i>Physics of Plasmas</i> , 2019, 26, 032112.	1.9	1
80	Catalogue of events with cumulative fluxes below as well as comparable and exceeding those for RBSP discovered third radiation belt. <i>Astrophysics and Space Science</i> , 2021, 366, 1.	1.4	1
81	Role of entropy in i -mode driven nonlinear structures obtained by homotopy perturbation method in electron-positron-ion plasma. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2021, 76, 671-681.	1.5	1
82	Response to "Comment on "Role of quasineutrality in drift waves" [Phys. Plasmas 8, 3519 (2001)]. <i>Physics of Plasmas</i> , 2001, 8, 3522-3522.	1.9	0
83	Nonlinear dust Alfvén waves in plasmas with shear flow. <i>Physics of Plasmas</i> , 2002, 9, 3633-3635.	1.9	0
84	Dust waves in rotating planetary magnetospheres. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
85	Response to "Comment on "Acoustic solitons in inhomogeneous pair-ion plasmas" [Phys. Plasmas 18, 054701 (2011)]. <i>Physics of Plasmas</i> , 2011, 18, 054702.	1.9	0
86	Coupling of magnetic electron drift vortex mode with longitudinal perturbations in collision-less and dissipative electron and electron-ion plasmas. <i>Physics of Plasmas</i> , 2015, 22, 082115.	1.9	0
87	Large and small amplitude compressional Alfvénic shocks in an electron depleted dusty plasma. <i>Physics of Plasmas</i> , 2017, 24, 063704.	1.9	0
88	Nonlinear whistler wave turbulence in pulsar wind nebula: FDTD simulations. <i>Waves in Random and Complex Media</i> , 0, , 1-10.	2.7	0